



**MSD**

*Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
www.msdlouky.org*

July 26, 2007

Ms. Kathy Thurman  
Kentucky Division of Water  
14 Reilly Road  
Frankfort, Kentucky 40601

**Re: MSD Metro Operations  
Timberlake WTP; KPDES No.: KY0043087  
Discharge Monitoring Reports – June 2007**

Dear Ms. Thurman:

Attached is the Discharge Monitoring Reports (DMRs) for the Timberlake WTP, KPDES No.: KY0043087 for the month of June 2007.

During the month of June we failed to meet percent removal of TSS. We been having brown algae problems in the lagoon, and have been treating with Cutrine algaecide last month and this month. We will continue to treat and monitor the lagoon closely until the lagoon meets permit again.

If you have any questions concerning the attached DMRs, please contact me at (502)241-9093.

Sincerely,

John Kessel  
Process Supervisor, East Region

JK/Timberlake 0507

Enclosures

cc: M. Mudd (DOW Louisville)  
E. Brady  
T. Singleton  
P. Burgin  
R. Shaw



*Beneficial Use of Louisville's Biosolids  
www.louisvillegreen.com*

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

MINOR

NAME: [Illegible]

PERMIT NUMBER: KY0043087

DISCHARGE NUMBER: 001 E

(SUBR LV)

ADDRESS: 1001 LOUISVILLE/JEFF CO MSD

FACILITY: RED TOWER LAKE STP

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	06	01		07	06	01

F - FINAL

MUNICIPAL DISCHARGE

EFFLUENT

\*\*\* NO DISCHARGE \*\*\*

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DISELVED (DO)	SAMPLE MEASUREMENT	*****	*****		7.0	*****	*****	( 17 )	0	1/4	G-b
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	INSET MIN	*****	*****	MG/L			
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		6.6	*****	6.9	( 12 )	0	1/4	G-b
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	MINIMUM	*****	MAXIMUM	BU			
SUSPENDED SOLIDS TOTAL (AM SEW INFLUENT)	SAMPLE MEASUREMENT	178.58	122.60	( 26 )	*****	178.25	206.00	( 17 )	0	1/4	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LB5/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L			
SUSPENDED SOLIDS TOTAL (AM SEW INFLUENT)	SAMPLE MEASUREMENT	16.32	21.35	( 26 )	*****	28.75	40.0	( 17 )	0	1/4	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	50.0 MD AVG	25.0 MX WK AV	LB5/DY	*****	30 MD AVG	45 MX WK AV	MG/L			
TOTAL AMMONIA NITROGEN (AM SEW INFLUENT)	SAMPLE MEASUREMENT	17.53	20.55	( 26 )	*****	30.88	38.50	( 17 )	0	1/4	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LB5/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L			
TOTAL AMMONIA NITROGEN (AM SEW INFLUENT)	SAMPLE MEASUREMENT	0.38	0.53	( 26 )	*****	0.67	0.95	( 17 )	0	1/4	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LB5/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L			
TOTAL PHOSPHORUS (AM SEW INFLUENT)	SAMPLE MEASUREMENT	*****	*****		*****	3.28	3.58	( 17 )	0	2/30	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
H.J. Schade, Jr.  
Exec Director  
TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 308 1241 4093  
DATE: 07 07 23  
AREA CODE: 308  
NUMBER: 1241 4093  
YEAR: 07  
MO: 07  
DAY: 23

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: 851 TIMBERLAKE ST  
 ADDRESS: 70 WINDYVILLE/JEFF CO MO  
 6532 ALCOHOL HWY  
 FACILITY: 10015VILLE  
 LOCATION: 851 TIMBERLAKE ST  
 CITY: PROSPER KY 40059  
 STATE: KY 40059

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

KY0043087  
 PERMIT NUMBER  
 0012  
 DISCHARGE NUMBER

MINOR  
 (SUBP LV)  
 F - FINAL  
 MUNICIPAL DISCHARGE  
 EFFLUENT

Form Approved  
 OMB No. 2040-0004

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	05	01		07	05	30

FROM

TO

\*\*\* NO DISCHARGE \*\*\*

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW IN CONDUIT UP THRU TREATMENT PLANT	0.072	0.17	( CFS)	*****	*****	*****		0	1/30	Grab	
EFFLUENT GROSS VALUE	REPORT	REPORT	( GPD)	*****	*****	*****		0	1/30	Grab	
EFFLUENT GROSS VALUE	30DA AVG	DAILY MX	( GPD)	*****	*****	*****		0	1/30	Grab	
PHOSPHORUS TOTAL	*****	*****	( MG/L)	*****	<0.010	<0.010	( 17)	0	1/30	Grab	
EFFLUENT GROSS VALUE	*****	*****	( MG/L)	*****	0.011	0.017	( 17)	0	1/30	Grab	
EFFLUENT GROSS VALUE	30DA AVG	DAILY MX	( MG/L)	*****	30DA AVG	DAILY MX	( 17)	0	1/30	Grab	
GENERAL	*****	*****	( 17)	*****	1.0	1.0	( 17)	0	1/30	Grab	
EFFLUENT GROSS VALUE	*****	*****	( 17)	*****	30DA SEC	3 DA SEC	( 17)	0	1/30	Grab	
EFFLUENT GROSS VALUE	30DA SEC	3 DA SEC	( 17)	*****	167.50	200.0	( 17)	0	1/30	Long	
RAW SEW/INFLUENT	REPORT	REPORT	( LBS/DY)	*****	REPORT	REPORT	( 17)	0	1/30	Long	
RAW SEW/INFLUENT	MG AVG	MX WK AV	( LBS/DY)	*****	MG AVG	MX WK AV	( 17)	0	1/30	Long	
EFFLUENT GROSS VALUE	3.25	5.0	( LBS/DY)	*****	1.88	3.13	( 17)	0	1/30	Long	
EFFLUENT GROSS VALUE	17	25	( LBS/DY)	*****	10	15	( 17)	0	1/30	Long	
EFFLUENT GROSS VALUE	MG AVG	MX WK AV	( LBS/DY)	*****	MG AVG	MX WK AV	( 17)	0	1/30	Long	
PERCENT REMOVAL	*****	*****	( %)	98%	*****	*****	( 23)	0	1/30	Cal	
PERCENT REMOVAL	*****	*****	( %)	98%	*****	*****	( 23)	0	1/30	Cal	
PERCENT REMOVAL	*****	*****	( %)	98%	*****	*****	( 23)	0	1/30	Cal	
PERCENT REMOVAL	*****	*****	( %)	98%	*****	*****	( 23)	0	1/30	Cal	
PERCENT REMOVAL	*****	*****	( %)	98%	*****	*****	( 23)	0	1/30	Cal	
PERCENT REMOVAL	*****	*****	( %)	98%	*****	*****	( 23)	0	1/30	Cal	
PERCENT REMOVAL	*****	*****	( %)	98%	*****	*****	( 23)	0	1/30	Cal	

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 H.J. Schadeiv  
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TELEPHONE: 941-9073  
 DATE: 07 07 23  
 AREA CODE: 941  
 NUMBER: 9073  
 YEAR: 07  
 MO: 07  
 DAY: 23

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)